

NOVITATES

Notes on *Rubroboletus le-galiae* (Pilát ex Pilát & Dermek)

Della Maggiora & Trassinelli

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Mikšík, M., Moreau, P.-A. & Assyov, B. – 2015 – Notes sur *Rubroboletus le-galiae* (Pilát ex Pilát & Dermek) Della Maggiora & Trassinelli. *Doc. Mycol.* XXXVI, p. 107–109.

Résumé. – Les auteurs commentent l'histoire nomenclaturale de *Boletus le-galiae* Pilát ex Pilát & Dermek et débattent de l'orthographe de son nom.

The combination *Rubroboletus legaliae* was first proposed by MIKŠÍK (2014) reflecting the results of the molecular analysis which led to the separation of its closest look-alikes in the new genus *Rubroboletus* (ZHAO *et al.*, 2014). The intended new combination was based on « *Boletus legaliae* Pilát, *Rev. Mycol. (Paris)* 33, p. 124 (1968) ». The name « *B. legaliae* » however, was not validly published in this publication authored in reality by BLUM (1968, as « *B. legalliae* », without type designation, MCNEILL *et al.*, 2012, art. 40.1 ; see also REDEUILH, 1998a, p. 21 and 1998b, p. 35). As a consequence, the combination « *Rubroboletus legaliae* (Pilát) Mikšík 2014 », based on an invalid basionym, is also not validly published (MCNEILL *et al.*, *op. cit.*, Art. 41.5), neither could it be treated as a validly published name of a new taxon as recorded in the online base *Index Fungorum* (MCNEILL *et al.*, *op. cit.*, Art. 40.1). Soon after this BLANCO-DIOS (2015) proposed the transfer of *B. legaliae* in the genus *Suillellus* Murrill, based on the same invalid basionym, and the resulting name is also invalid.

The name *Boletus le-galiae* was however validly published by Pilát & Dermek (*in* PILÁT, 1969, p. 52) by designation of type and reference to the previously published Latin description “in Pilát & Ušák, *Mushrooms and other fungi*, tab. 4, 1959” [*sic* !]. The erroneous citation of the date of publication (actually published in 1961) does not preclude valid publication of the name (MCNEILL *et al.*, *op. cit.*, Art. 41.6). For further details on the nomenclature of *B. legaliae* the reader is referred to the exhaustive discussion presented by REDEUILH (1988b, p. 35-36).

Analysis of ITS sequences of *B. le-galiae* by ANDERSSON (2013), as well as that in relation to the separation of another new bolete genus (ASSYOV *et al.*, 2015) demonstrated

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that this species is situated far from *Suillellus* and appears to be nested together with the other European members of *Rubroboletus* as defined in ZHAO *et al.* (2014). The new combination *Rubroboletus le-galiae* (as “*legaliae*”) was just validated by DELLA MAGGIORA (2015).

The orthography of the epithet « *le-galiae* » (as originally published by PILÁT all along the abovesited references) is retained here against the most usual variant « *legaliae* » (which follows the recomm. 60C.5(c), but is not explicitly covered by the art. 60.9 of the Code regarding obligatory changes of orthography), and of course against BLUM's (1968) invalid variant « *legalliae* ». The maintaining or suppression of a hyphen after the particle of Marcelle Le Gal is debatable anyway : analogous cases of surnames with particle (such as « Le Rat », « Le Testu », or « de Bary ») are treated in various ways by original authors, as well as corrected, or not, by bibliographic databases (e.g. *Index Fungorum* or *Mycobank*) without clear guidelines.

Taxonomy :

Rubroboletus le-galiae (Pilát ex Pilát & Dermek) Della Maggiora & Trassinelli in DELLA MAGGIORA 2015, *Index Fungorum* 246, p. 1

Basionym : *Boletus le-galiae* Pilát ex Pilát & Dermek in PILÁT 1969, *Houby Českoslov.*, p. 52

Type : holotype PRM 647 975, « Lysá nad Labem », designated by PILÁT (1969, p. 52), deposited at the National Museum of Prague (Czech Rep.) as « *Boletus legaliae* ».

Invalid synonyms :

« *Boletus purpureus* var. *le-galiae* Pilát » in PILÁT & UŠÁK 1959, *Naše Houby (Praha)* 2, p. 4 (no type designation, art. 40.1)

« *Boletus legalliae* Pilát » in BLUM 1968, *Rev. Mycol. (Paris)* 32, p. 124 (no type designation, art. 40.1)

« *Rubroboletus legaliae* (Pilát) Mikšík » 2014, *Index Fungorum* 207, p. 1 (invalid basionym, art 41.5)

« *Suillellus legaliae* (Pilát) Blanco-Dios » 2015, *Index Fungorum* 211, p. 1 (invalid basionym, art 41.5)

Acknowledgements

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Litterature cited

Andersson, M. – 2013 – A rare bolete, *Boletus legaliae*, in the Royal Garden of Drottningholm, Stockholm. *Svensk Mykologisk Tidskrift* 34 (3), p. 9–13.

Assyov, B., Bellanger, J.-M., Bertéa, P., Courtecuisse, R. Koller, G., Loizides, M., Marques, G., Muñoz, J.A., Oppicelli, N., Puddu, D., Richard, F. & Moreau, P.-A. – 2015 – Nomenclatural novelties : *Imperator* gen. nov. *Index Fungorum* 243, p. 1.

Blanco-Dios, J.B. – 2015 – Nomenclatural novelties. *Index Fungorum* 211, p. 1–2.

Blum, J. – 1968 – Remarques sur quelques bolets. Le bolet Satan et ses voisins. *Revue de Mycologie (Paris)* 33 (2), p. 114–124.

Della Maggiora, M. – 2015 – Nomenclatural novelties. *Index Fungorum* 246, p. 1.